

I CLAIM:

1. An exit door comprising:

a door frame,

a door panel attached to said door frame and openable and
5 closeable relative to said door frame, and said door panel including
a stile, and

a presser bar device attached to said stile of said door panel, to
selectively open and lock said door panel to said door frame, said
presser bar device including two lock rods slidably attached to said
10 stile to selectively move into said door frame, and thus to
selectively open and lock said door panel to said door frame,

said presser bar device including a housing attached to said
stile of said door panel and having an oblong hole formed therein,
and including a drive pin attached to either of said lock rods and
15 slidably received in said oblong hole of said housing, and including
a bracket slidably received in said housing and having a space
formed therein and defined by a hook to receive said drive pin and
to engage said hook with said drive pin,

said presser bar device further including a crank pivotally
20 attached to said housing and having a first end coupled to said
bracket and having a second end, and a presser bar carried on said
door panel and actuatable onto said second end of said crank, to
rotate said crank relative to said housing, and to move said drive pin
up and down relative to said housing, in order to actuate said lock
25 rods away from said door frame and to unlock said door panel
relative to said door frame,

said presser bar device including means for biasing said lock

rods to engage into said door frame, and to selectively lock said door panel to said door frame, and

said crank being provided to allow said presser bar device to be attached to either side of said door panel.

5 2. The presser bar device as claimed in claim 1, wherein said presser bar includes a presser member extended therefrom to engage with and to actuate said second end of said crank.

3. The presser bar device as claimed in claim 1, wherein said presser bar device includes two casings attached to said lock rods
10 respectively, to selectively engage into said door frame.

4. The presser bar device as claimed in claim 3, wherein each of said casings includes a space defined between two ears, and a first flap received in said space of said casing.

5. The presser bar device as claimed in claim 4, wherein said
15 first flap includes an orifice formed therein, and a first pole attached to said casing and loosely engaged through said orifice of said first flap to loosely attach said first flap to said casing.

6. The presser bar device as claimed in claim 5 further comprising at least one second flap received in said space of said
20 casing.

7. The presser bar device as claimed in claim 6, wherein said at least one second flap includes an orifice formed therein to loosely receive said first pole, and to attach said at least one second flap to said casing.

25 8. The presser bar device as claimed in claim 6, wherein said at least one second flap is arranged to be partially extended out of said casing.

9. The presser bar device as claimed in claim 8, wherein said at least one second flap includes at least one inclined surface, and each of said ears of said casing includes at least one inclined surface.

10. The presser bar device as claimed in claim 9, wherein said
5 at least one inclined surface of said at least one second flap includes an inclination different from that of said at least one inclined surface of said ears of said casing.

11. The presser bar device as claimed in claim 5, wherein said first flap includes a channel formed therein, and a second pole
10 attached to said casing and loosely engaged through said channel of said first flap to loosely attach said first flap to said casing.

12. The presser bar device as claimed in claim 5, wherein said first flap is arranged to be partially extended out of said casing.

13. The presser bar device as claimed in claim 12, wherein said
15 first flap includes at least one inclined surface, and each of said ears of said casing includes at least one inclined surface.

14. The presser bar device as claimed in claim 13, wherein said at least one inclined surface of said first flap includes an inclination different from that of said at least one inclined surface of said ears
20 of said casing.

15. The presser bar device as claimed in claim 12 further comprising means for biasing said first flap out of said casing.

16. The presser bar device as claimed in claim 3, wherein said door frame includes an aperture formed therein, said door panel
25 includes a passage formed therein to slidably receive said casings, and two shields slidably attached thereto and each having an orifice selectively aligned with said passage of said door panel, and means

for biasing said shield relative to said door panel to selectively offset said orifice of said shield from said passage of said door panel, and to engage said shield with said casing.

17. The presser bar device as claimed in claim 16, wherein said
5 door frame includes an actuator attached thereto for selectively engaging with said shield, to move said shield against said biasing means.

18. The presser bar device as claimed in claim 16, wherein said
door frame includes a board secured thereto and having an opening
10 formed therein and aligned with said aperture thereto to selectively receive said casings.